

REMARKS

Claims 1-19 are pending in this application. Claims 1, 4-7, 9, 12, and 19 are rejected and claims 2, 3, 8, 10, and 11 are objected to in the present Office Action. Claims 13-18 are allowed. In the present response, Applicants are amending claims 2-8, 10-12, and 19 to better distinguish the claims of the present invention and to correct dependencies. Additionally, claims 1 and 9 are cancelled and new claims 20-22 are presented by way of this response. In view of the foregoing amendments, Applicants respectfully request reconsideration of the application.

Rejection Under 35 U.S.C. § 103 And Claim Objections

In paragraph 2 of the Office Action, the Examiner rejected claims 1, 4-7, 9, 12 and 19 under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent Number 6,292,193 to *Perry et al.* in view of U.S. Patent Number 6,016,152 to *Dickie*. In paragraph 3 (page 5), the Examiner objected to claims 2, 3, 8, 10 and 11 as being dependent upon a rejected base claim, but stated that these claims would be allowable if rewritten in independent form including all limitations of the respective base claims.

By this response, Applicants cancel claims 1 and 9 and amend claims 2 and 10, respectively, to incorporate the limitations of claim 1 and 9. As such, claims 2 and 10 are now in condition for allowance. Further, Applicants are amending objected claims 3, 8, and 11 to depend from the new independent claims 2 and 10. Thus, claims 3, 8, and 11 are now also in condition for allowance.

Claims 4-7 now depend from allowable claim 2, and are also allowable. Claim 12 now depends from allowable claim 10, and is thus also allowable.

Claim 19 is amended to incorporate a limitation where "the input information relates to a rate of sampling of the polygon data." This limitation was found by the Examiner to be allowable subject matter (in regards to claim 2). As such, claim 19 is now in condition for allowance.

Applicants do not acquiesce to the rejection of claims by the Examiner, but merely amend independent claims 2, 10, and 19 in order to put the application in position for allowance. Applicants cancel claims 1 and 9 without prejudice, reserving the right to pursue cancelled or rejected claims through continuation applications.

Conclusion

Applicants believe that the rejections and objections in the Office Action of October 16, 2003 are fully overcome and that the application is in condition for allowance. If the Examiner has any questions regarding the case, the Examiner is invited to contact Applicants' undersigned representative at the number given below.

Respectfully submitted,

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